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**Product Data Sheet**

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Product Name: Anti-Heart Failure Agent 1

Cat. No.: GC32656

**Chemical Properties**

Cas. No. 142648-47-3

SMILES FC1=C2C=C(SC2=CC(OC)=C1OC)C(NO)=NFormula  $C_{11}H_{11}FN_2O_3S$  M.Wt 270.28

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Benzo[b]thiophene-2-carboximidamide, 4-fluoro-N-hydroxy-5,6-dimethoxy- is an orally available compound suitable for the treatment of heart failure without inducing nausea, vomiting and restlessness.

15 mg/kg of compound produces 60% increase in left ventricular contractility in anaesthetized cat. An oral dose of compound (25 mg/kg) could produce marked increases in left ventricular contractility (45%) in conscious dog[1].

[1]. EP0482717A1

**Caution: Product has not been fully validated for medical applications. For research use only.**

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